

**Requirements to Store and Retrieve Binaries Tar Files**  
**Relative to Baseline 061496**  
**CCR 96-0566A**

Table 1 - Reference

Paragraph ID	Ref	RT M Ke	L4 Text	Clarification	Req Type	Requirement Status	Verification Method	RbR ID	RTM key	RbR Text	RbR Type	Interpretation
S-DPS-40050	A	N/E W	<u>The AITL CI shall provide the capability to produce and store to the SDSRV CI TAR files, containing PGE Binaries and scripts, with associated metadata.</u>		functional	approved	Demo	PGS-0270#A	4153	The PGS shall provide the capability to perform the following functions, at a minimum: a. Allocate tasks among processors b. Suspend execution of tasks c. Resume execution of a suspended task d. Cancel execution of tasks e. Request and verify the staging and/or destaging of data stored in the DADS	functional	A Task = PGE; "Allocation of tasks among processors" is supported through resource availability. A: Cancel execution of tasks.

S-DPS-40050							DADS 0120# <u>A</u>	6121	Each DADS shall receive from the PGS, at a minimum, the following: a. L1-4 products b. (DELETED) c. Metadata d. Calibration e. Algorithms f. Schedule g. Status	functional	A: TRM M data described in the Data Type Matrix .
S-DPS-40050							DADS 0120# <u>B</u>	6122	Each DADS shall receive from the PGS, at a minimum, the following: a. L1-4 products b. (DELETED) c. Metadata d. Calibration e. Algorithms f. Schedule g. Status	functional	B: Release B data described in the Data Type Matrix .
S-DPS-40050							PGS-0960# <u>A</u>	4220	The PGS shall send the DADS new or modified algorithms. This delivery shall contain the following information at a minimum: a. Source code including version number and author b. Benchmark test procedures, test data and results c. Date and time of operational installation d. Final algorithm documentation e. Calibration coefficient values	functional	A: CERES, LIS

S-DPS- <u>40050</u>							<u>PGS-0960#B</u>	4909	The PGS shall send the DADS new or modified algorithms. This delivery shall contain the following information at a minimum: a. Source code including version number and author b. Benchmark test procedures, test data and results c. Date and time of operational installation d. Final algorithm documentation e. Calibration coefficient values	functional	B: AM-1, COL OR
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S-DPS-20790	A	44 09	The PRONG CI shall accept PGEs from the request staging of TAR files of binaries as required from the SDSRV CI.	interface	approved	test	PGS-0270# A	4153	The PGS shall provide the capability to perform the following functions, at a minimum: a. Allocate tasks among processors b. Suspend execution of tasks c. Resume execution of a suspended task d. Cancel execution of tasks e. Request and verify the staging and/or destaging of data stored in the DADS	functional	A Task = PGE; "Allocation of tasks among processors" is supported through resource availability. A: Cancel execution of tasks.
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S-DPS-20790						DADS <u>2330#</u> <u>A</u>	4479	Each DADS shall send to the PGS, at a minimum, the following: b. L0-L4 d. Metadata e. Ancillary data f. Calibration data g. Algorithms h. Schedules i. Status k. Special data sets l. Non-EOS science data from ADCs/ODCs	functional	A: sub-item A: ONLY THE GSFC AND LARC DAAC S WILL INTE RFAC E WITH EDO S
S-DPS-20790						DADS <u>2330#</u> <u>B</u>	3612	Each DADS shall send to the PGS, at a minimum, the following: a. Production data (L0) received from EDOS b. L0-L4 d. Metadata e. Ancillary data f. Calibration data g. Algorithms h. Schedules i. Status j. Spacecraft and instrument logs k. Special data sets l. Non-EOS science data from ADCs/ODCs	functional	A & B: ONLY THE GSFC AND LARC DAAC S WILL INTE RFAC E WITH EDO S

S-DSS-03070	A	- NE W	<u>The SDSRV CI shall process Data Insert Requests that request the storage of TAR Files, containing PGE Binaries and scripts, with associated metadata.</u>		functional	approved	test	DADS 0475# A	6124	The DADS shall provide storage for the following TRMM data: a. L1A-L4 equivalent data products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	functional	
S-DSS-03070								DADS 0475# B	6125	The DADS shall provide storage for the following TRMM data: a. L1A-L4 equivalent data products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	functional	

S-DSS-03075	A	- NE W	The SDSRV CI shall process Data Requests that request the staging of TAR Files, containing PGE Binaries and scripts, to a specified location.		functional	approved	test	DADS 0475# A	6124	The DADS shall provide storage for the following TRMM data: a. L1A-L4 equivalent data products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	functional	
S-DSS-03075								DADS 0475# B	6125	The DADS shall provide storage for the following TRMM data: a. L1A-L4 equivalent data products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms.	functional	

**Table 2 Level 4 Changes/Additions**

Paragr aph ID	Rel	RT M Ke y	L4 Text	Clarifi cation	Req Type	Requiremen t Status	Verifi catio n Meth od
S-DPS-40050	A	NE W	The AITTL CI shall provide the capability to produce and store to the SDSRV CI TAR files, containing PGE Binaries and scripts, with associated metadata.		functio nal	approved	Dem o
S-DPS-20790	A	44 09	The PRONG CI shall accept PGEs from the request staging of TAR files of binaries as required from the SDSRV CI.		interfac e	approved	test
S-DSS-03070	A	- NE W	The SDSRV CI shall process Data Insert Requests that request the storage of TAR Files, containing PGE Binaries and scripts, with associated metadata.		functio nal	approved	test
S-DSS-03075	A	- NE W	The SDSRV CI shall process Data Requests that request the staging of TAR Files, containing PGE Binaries and scripts, to a specified location.		functio nal	approved	test

**Table 4 Level 4 to RBR links added**

RbR ID	Paragraph ID
DADS0120#A	S-DPS-40050
DADS0120#B	S-DPS-40050
DADS0475#A	S-DSS-03070
DADS0475#A	S-DSS-03075
DADS0475#B	S-DSS-03070
DADS0475#B	S-DSS-03075
DADS2330#A	S-DPS-20790
DADS2330#B	S-DPS-20790
PGS-0270#A	S-DPS-40050
PGS-0960#A	S-DPS-40050
PGS-0960#B	S-DPS-40050